

From : Pichia AOX1 gene  
 REFORMAT of: aox1struc.dat check: 7029  
 from: 1 to: 1992 27-MAY-1987 11:40

From : Pichia AOX2 gene  
 REFORMAT of: aox2struc.dat check: 9841  
 from: 1 to: 1992 27-MAY-1987 11:41

From : Pichia DAS1 gene  
 REFORMAT of: das1struc.dat check: 3191  
 from: 1 to: 2124 22-APR-1987 15:08

From : Pichia DAS2 gene  
 REFORMAT of: das2struc.dat check: 5479  
 from: 1 to: 2124 15-JUN-1987 14:33

From : Pichia GAP gene  
 REFORMAT of: pgapstruc.dat check: 9059  
 from: 1 to: 1002 15-JUN-1987 14:38

AA	Codon	Number	Fraction	AA	Codon	Number	Fraction
Gly	GGG	0.00	0.00	Met	ATG	90.00	1.00
Gly	GGA	59.00	0.22	Ile	ATA	0.00	0.00
Gly	GGT	197.00	0.74	Ile	ATT	93.00	0.58
Gly	GGC	9.00	0.03	Ile	ATC	72.00	0.44
Glu	GAG	112.00	0.58	Thr	ACG	5.00	0.03
Glu	GAA	80.00	0.42	Thr	ACA	8.00	0.05
Asp	GAT	56.00	0.32	Thr	ACT	86.00	0.50
Asp	GAC	118.00	0.68	Thr	ACC	74.00	0.43
Val	GTG	10.00	0.05	Trp	TGG	39.00	1.00
Val	GTA	8.00	0.04	End	TGA	0.00	0.00
Val	GTT	107.00	0.50	Cys	TGT	35.00	0.83
Val	GTC	87.00	0.41	Cys	TGC	7.00	0.17
Ala	GCG	1.00	0.00	End	TAG	1.00	0.20
Ala	GCA	25.00	0.10	End	TAA	4.00	0.80
Ala	GCT	147.00	0.80	Tyr	TAT	18.00	0.12
Ala	GCC	71.00	0.29	Tyr	TAC	128.00	0.88
Arg	AGG	2.00	0.01	Leu	TTG	120.00	0.52
Arg	AGA	111.00	0.79	Leu	TTA	21.00	0.09
Ser	AGT	8.00	0.04	Phe	TTT	24.00	0.19
Ser	AGC	3.00	0.02	Phe	TTC	104.00	0.81
Lys	AAG	145.00	0.79	Ser	TCG	8.00	0.03
Lys	AAA	38.00	0.21	Ser	TCA	14.00	0.37
Asn	AAT	18.00	0.13	Ser	TCT	89.00	0.47
Asn	AAC	119.00	0.87	Ser	TCC	71.00	0.37
				Arg	CGG	2.00	0.01
				Arg	CGA	0.00	0.00
				Arg	CGT	26.00	0.18
				Arg	CGC	0.00	0.00
				Gln	CAG	31.00	0.34
				Gln	CAA	59.00	0.66
				His	CAT	11.00	0.13
				His	CAC	77.00	0.88
				Leu	CTG	35.00	0.15
				Leu	CTA	7.00	0.03
				Leu	CTT	43.00	0.18
				Leu	CTC	7.00	0.03
				Pro	CCG	0.00	0.00
				Pro	CCA	97.00	0.57
				Pro	CCT	68.00	0.39
				Pro	CCC	7.00	0.04

Table 1  
 PICHIA CODON USAGE TABLE